Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 02 Sep 2021 until 23:59 on Friday 03 Sep 2021

Forecast Issued on Wednesday 01 Sep 2021 at 14:27

Confidence: High for generally settled conditions approaching the weekend, but moderate through Sunday and Monday due to forecast development of more unsettled conditions.

Headline for Thursday 02 Sep 2021: A cloudy start, but brighter with perhaps sunny spells later.

Mountain weather hazards on Thursday 02 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Dull	Dull	Cloudy	Dull	Cloudy	Sunny intervals	Cloudy	Dull
Precipitation probability							
10%	10%	10%	00%	00%	00%	00%	00%

Forecast for Thursday 02 Sep 2021

Weather: A generally cloudy through the early hours with some patches of hill fog on the higher tops and a low risk of some light rain or drizzle. Some brighter periods developing by the afternoon, as cloud continues to thin and break in places, along with some brief sunny spells. Cloud then developing again from the west through the evening, although it is likely to remain dry.

Chance of cloud free mountain/hill tops above 600m: 20% at first, becoming 90% through the day, then reducing to 20% again later.

Visibility: Poor or very poor at first in any rain, drizzle or hill fog, with bases down to 400m in places. Generally good or very good through the day, but poor or very poor later as further cloud develops, with patches possible around 400m.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 02 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/25 NE	19/26 NE	15/21 NE	18/25 NE	17/23 NE	15/22 NE	16/23 NE	18/26 NE	14/20 NE
300	11/16 NE	10/15 NE	9/13 NE	13/18 NE	12/18 E	12/18 NE	11/17 NE	10/18 NE	9/15 NE
Valley	6/15 NE	6/11 N	7/15 NE	9/18 NE	9/18 NE	9/18 NE	8/17 NE	6/16 E	7/16 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/4	8/5	10/6	12/8	14/11	12/9	10/6	9/6
300	11/9	11/9	11/9	12/10	14/12	16/14	15/13	13/11	12/10
Valley	12/11	12/10	12/10	14/12	16/14	18/16	16/15	13/12	12/11
Freezing Level*	2500m	2500m	2500m	2500m	2500m	2500m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A generally fine day once cloud clears, but a risk from UV is still possible in brighter spells.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 01 Sep 2021	0.8mm	1.4mm	1.4mm

Forecast for Friday 03 Sep 2021

Weather: A cloudy start again, but this retreating eastwards through the morning, although perhaps persisting over east facing slopes into the afternoon. Further west, thinning cloud should lead to some brighter periods and short spells of sunshine. Patchy cloud then possible overnight.

Maximum wind: East or northeast 5-10mph, becoming 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 60% at first, reducing to 10% for most during the day, then 60% through the evening.

Visibility: Poor or very poor at times at first in the hill fog, with bases descending to 300m. Becoming generally good or very good, but with occasional patches down to 400m in the west

Temperature: **Valleys:** Plus 13 Celsius becoming plus 17 Celsius.
At 600m: Plus 9 Celsius becoming plus 12 Celsius.
Freezing level: Above the summits

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